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13 *Attorney(s) for Plaintiff*  
14 *Rondevoo Technologies LLC*

15 **IN THE UNITED STATES DISTRICT COURT**  
16 **FOR THE NORTHERN DISTRICT OF CALIFORNIA**

17 **RONDEVOO TECHNOLOGIES,**  
18 **LLC,**

19 Plaintiff,

20 v.

21 **RSIP VISION, INC.**

22 Defendant.

Civil Action No.:

**TRIAL BY JURY DEMANDED**

23 **COMPLAINT FOR INFRINGEMENT OF PATENT**

24 Now comes, Plaintiff, Rondevoo Technologies, LLC (“Plaintiff” or  
25 “Rondevoo”), by and through undersigned counsel, and respectfully alleges, states, and  
26 prays as follows:  
27  
28

**NATURE OF THE ACTION**

1  
2 1. This is an action for patent infringement under the Patent Laws of the  
3 United States, Title 35 United States Code (“U.S.C.”) to prevent and enjoin Defendant  
4 RSIP Vision, Inc.(hereinafter “Defendant”), from infringing and profiting, in an illegal  
5 and unauthorized manner, and without authorization and/or consent from Plaintiff from  
6 U.S. Patent No. 7,088,854 (“the ‘854 Patent”), U.S. Patent No. 7,254,266 (“the ‘266  
7 Patent), and U.S. Patent No. 8,687,879 (“the ‘879 Patent) (collectively the “Patents-in-  
8 suit”), which are attached hereto as Exhibit A, B, and C, respectively, and incorporated  
9 herein by reference, and pursuant to 35 U.S.C. §271, and to recover damages, attorney’s  
10 fees, and costs.

**THE PARTIES**

11  
12 2. Plaintiff is a California limited liability company with its principal place  
13 of business at 35 Hugus Alley, Suite 210, Pasadena, California 91103.

14  
15 3. Upon information and belief, Defendant is a corporation organized under  
16 the laws of California, having one principal place of business at 75 E. Santa Clara St.  
17 San Jose California 95113. Upon information and belief, and according to the  
18 California Secretary of State’s website, Defendant may be served with process c/o its  
19 registered agent: c/o CT Corporation System, Corporation Service Company, 818 West  
20 Seventh Street, Suite 930, Los Angeles, California 90017.

**JURISDICTION AND VENUE**

21  
22 4. This is an action for patent infringement in violation of the Patent Act of  
23 the United States, 35 U.S.C. §§1 *et seq.*

24 5. The Court has subject matter jurisdiction over this action pursuant to 28  
25 U.S.C. §§1331 and 1338(a).

26 6. This Court has personal jurisdiction over Defendant by virtue of its  
27 systematic and continuous contacts with this jurisdiction and its residence in this  
28

1 District, as well as because of the injury to Plaintiff, and the cause of action Plaintiff  
2 has risen in this District, as alleged herein.

3 7. Defendant is subject to this Court's specific and general personal  
4 jurisdiction pursuant to its substantial business in this forum, including: (i) at least a  
5 portion of the infringements alleged herein; (ii) regularly doing or soliciting business,  
6 engaging in other persistent courses of conduct, and/or deriving substantial revenue  
7 from goods and services provided to individuals in this forum state and in this judicial  
8 District; and (iii) being incorporated in this District.

9 8. Venue is proper in this judicial district pursuant to 28 U.S.C. §1400(b)  
10 because Defendant resides in this District under the Supreme Court's opinion in *TC*  
11 *Heartland v. Kraft Foods Group Brands LLC*, 137 S. Ct. 1514 (2017) through its  
12 regular and established place of business in this District.

### 13 **FACTUAL ALLEGATIONS**

14 9. Inventors Carl Cotman, Charles Chubb, Yoshiyuki Inagaki, and Brian  
15 Cummings are pioneers in the field of medical imaging and analysis. A difficult  
16 problem facing these scientists, along with other medical researchers and diagnosticians  
17 around the world, was the visualization and aggregation of cell-level structure growth  
18 and the expression of associated cellular pathologies. The invention at issue here  
19 formed as a result of their seeking a solution to better understand the pathology of  
20 Alzheimer's disease and other diseases at the cellular level.

21 10. Patients suffering from Alzheimer's have microscopic growths in their  
22 brains called beta-amyloid deposit 'plaques' and twisted tau protein 'tangles.' In a  
23 simplified sense, these plaques and tangles can be thought of as physically similar to  
24 balls and strands of yarn respectively, although the comprising protein fragments are  
25 many times smaller in size than even microscopic neural cells. For Alzheimer's  
26 patients, these harmful plaques build up between neurons, while the tangles form  
27 twisted fibers that wrap themselves around inside neurons and prevent normal  
28 movement of cellular materials and organelles inside the neurons and their long

1 processes. The result is the degeneration of neural activity and structure, although  
2 scientists are still trying to determine how (one theory is that plaques and tangles  
3 somehow disrupt communication between neurons, and thus their ability to propagate  
4 and survive). What is certain, is that plaque and tangle formation within neurons causes  
5 them to dysfunction and progressively degenerate.

6 11. To better understand how these plaque and tangle structures affect the  
7 creation and advancement of this horrible disease (*e.g.* Do more plaque and tangle  
8 proteins mean worse symptoms?), scientists needed to be able to detect their presence  
9 in and among microscopic samples with numerical certainty. Traditionally,  
10 neuropathologists and/or experienced scientists analyzed brain tissue from suspected  
11 Alzheimer sufferers to determine the extent and type of pathology. Investigators sought  
12 to measure the quantifiable characteristics of a given pathology, correlate it with  
13 function, and then ultimately correlate with behavior.

14 12. Before the inventions claimed in the Patents-in-suit, scientists understood  
15 how plaques and tangles formed, but had no way to accurately count all of their fibrous  
16 bundles. Messrs. Cotman, Chubb, Inagaki, and Cummings invented the way to solve  
17 this problem. By leveraging technological advances in medical imaging and creating a  
18 unique software solution designed to specifically rely on these unique computerized  
19 medical imaging technologies, these four inventors created their novel and not obvious  
20 solution for plaque/tangle protein analysis and quantification. Specifically, they  
21 created a reproduceable automated system programmed to intelligently recognize  
22 chromatic differences in cellular images and evolve its detection algorithm to improve  
23 its own accuracy. The end result was a sophisticated imaging system relying on a  
24 uniquely designed software solution that could do something that no human could ever  
25 hope to achieve: find and count every single little fiber living in each plaque and tangle  
26 in a patient's brain. Their solution solved the Alzheimer field's long-unmet need to  
27 easily and accurately quantify the number of fibrous protein fragments in any given  
28 sample, thus opening the door to subsequent research into what it meant to have more

1 or less plaques/tangles and more in particular locations and particular stages of the  
2 disease.

3 13. Their solution was quickly recognized as useful in a myriad other types of  
4 medical imaging studies outside of Alzhiemer's research, including the field of  
5 radiological pathology. Even more broadly, their innovation allowed for imaging  
6 detection development and research to grow outside of the medical field altogether, as  
7 many fields had a need for intelligent reproduceable detection of subsets or samples  
8 within a given image (*e.g.* metallurgy, polymer development, etc.). The unique nature  
9 of the invention is that the imaging recognition algorithm increases the precision of  
10 chromatic imaging classification, because of the inventive system learns and thus, can  
11 approach each situation flexibly. The invention allows a dynamic partnership to evolve  
12 between the standard setting- user and evolving analytical system, with the result being  
13 an ever improving degree of accuracy and precision in imaging and analysis. This then  
14 opens the door to new pathological and technological relationships and how they  
15 function.

16 14. On August 8, 2006, the United States Patent and Trademark Office  
17 ("USPTO") duly and legally issued the '854 Patent, entitled "Method and apparatus for  
18 generating special-purpose image analysis algorithms" after a full and fair examination.  
19 See Exhibit A.

20 15. Plaintiff is presently the owner of the '854 Patent, having received all  
21 right, title and interest in and to the '854 Patent from the previous assignee of record.  
22 Plaintiff possesses all rights of recovery under the '854 Patent, including the exclusive  
23 right to recover for past infringement.

24 16. The invention claimed in the '854 Patent comprises a computer program  
25 product for generating special-purpose image analysis algorithms.

26 17. Claim 1 of the '854 Patent states:

- 27 1. A computer program product for generating special-purpose  
28 image analysis algorithms comprising:

1 a computer usable medium having computer readable program code  
2 embodied therein, said computer readable program code  
3 configured to:  
4 obtain at least one image having a plurality of chromatic data points;  
5 generate an evolving algorithm that partitions said plurality of  
6 chromatic data points within said at least one image into at least  
7 one entity identified in accordance with a user's judgment; and  
8 store a first instance of said evolving algorithm as a product  
9 algorithm wherein said product algorithm enables the automatic  
10 classification of instances of said at least one entity within at  
11 least one second image in accordance with said judgment of said  
12 user.

13  
14 *See Exhibit A.*

15  
16 18. Defendant commercializes, inter alia, a computer program product or  
17 methods that perform all the steps recited in at least one claim of the '854 Patent. More  
18 particularly, Defendant commercializes, inter alia, a computer program product or  
19 methods that perform all the steps recited in Claim 1 of the '854 Patent. Specifically,  
20 Defendant makes, uses (at least in internal testing), sells, offers for sale, or imports a  
21 computer program product or method that encompasses that which is covered by Claim  
22 1 of the '854 Patent.

23 19. On August 7, 2007, the USPTO duly and legally issued the '266 Patent,  
24 entitled "Method and apparatus for generating special-purpose image analysis  
25 algorithms" after a full and fair examination. See Exhibit B.

26 20. Plaintiff is presently the owner of the '266 Patent, having received all  
27 right, title and interest in and to the '266 Patent from the previous assignee of record.  
28

1 Plaintiff possesses all rights of recovery under the '266 Patent, including the exclusive  
2 right to recover for past infringement.

3 21. The invention claimed in the '266 Patent comprises a method for  
4 automating the expert quantification of image data using a product algorithm.

5 22. Claim 1 of the '266 Patent states:

6 1. In a computer system, a method for automating the expert  
7 quantification of image data using a product algorithm  
8 comprising:

9 obtaining a product algorithm for analysis of a first set of image data  
10 wherein said product algorithm is configured to recognize at  
11 least one entity within said first set of image data via a training  
12 mode that utilizes iterative input to an evolving algorithm  
13 obtained from at least one first user, wherein said training mode  
14 comprises:

15 presenting a first set of said at least one entity to said user for  
16 feedback as to the accuracy of said first set of identified entities;

17 obtaining said feedback from said user;

18 executing said evolving algorithm using said feedback;

19 presenting a second set of said at least one entity to said user for  
20 feedback as to the accuracy of said second set of identified  
21 entities;

22 obtaining approval from said user about said second set of entities;

23 storing said evolving algorithm as a product algorithm;

24 providing said product algorithm to at least one second user so that  
25 said at least one second user can apply said product algorithm  
26 against a second set of image data having said at least one entity.

27  
28 See Exhibit B.

1  
2 23. Defendant commercializes, inter alia, a computer program product or  
3 methods that perform all the steps recited in at least one claim of the ‘266 Patent. More  
4 particularly, Defendant commercializes, inter alia, a computer program product or  
5 methods that perform all the steps recited in Claim 1 of the ‘266 Patent. Specifically,  
6 Defendant makes, uses (at least in internal testing), sells, offers for sale, or imports a  
7 computer program product or method that encompasses that which is covered by Claim  
8 1 of the ‘266 Patent.

9 24. On April 1, 2014, the USPTO duly and legally issued the ‘879 Patent,  
10 entitled “Method and apparatus for generating special-purpose image analysis  
11 algorithms” after a full and fair examination. See Exhibit C.

12 25. Plaintiff is presently the owner of the ‘879 Patent, having received all  
13 right, title and interest in and to the ‘879 Patent from the previous assignee of record.  
14 Plaintiff possesses all rights of recovery under the ‘879 Patent, including the exclusive  
15 right to recover for past infringement.

16 26. The invention claimed in the ‘879 Patent comprises a non-transitory  
17 computer program product for automating the expert quantification of image data.

18 27. Claim 1 of the ‘879 Patent states:

- 19 1. A non-transitory computer program product for automating the  
20 expert quantification of image data comprising:  
21 a computer-readable medium encoded with computer readable  
22 instructions executable by one or more computer processors to  
23 quantify image sets comprising a locked evolving algorithm,  
24 wherein said locked evolving algorithm is generated by:  
25 obtaining a product algorithm for analysis of a first set of image data  
26 wherein said product algorithm is configured to recognize at  
27 least one entity within said first set of image data via a training  
28 mode that utilizes iterative input to an evolving algorithm

1           obtained from at least one first user, wherein said training mode  
2           comprises:  
3           presenting a first set of said at least one entity to said user for  
4           feedback as to the accuracy of said first set of identified entities;  
5           obtaining said feedback from said user;  
6           executing said evolving algorithm using said feedback;  
7           presenting a second set of said at least one entity to said user for  
8           feedback as to the accuracy of said second set of identified  
9           entities;  
10          obtaining approval from said user about said second set of entities;  
11          storing said evolving algorithm as a product algorithm; and  
12          storing said product algorithm for subsequent usage on said image  
13          sets.

14  
15 *See Exhibit C.*

16  
17          28. Defendant commercializes, inter alia, a computer program product or  
18 methods that perform all the steps recited in at least one claim of the '879 Patent. More  
19 particularly, Defendant commercializes, inter alia, a computer program product or  
20 methods that perform all the steps recited in Claim 1 of the '879 Patent. Specifically,  
21 Defendant makes, uses (at least in internal testing), sells, offers for sale, or imports a  
22 computer program product or method that encompasses that which is covered by Claim  
23 1 of the '879 Patent.

24          29. The '854 Patent, the '266 Patent, and the '879 Patent share a common  
25 specification.

26          30. The claimed inventions within the Patents-in-Suit represent significant  
27 improvements in the art of imaging and image analytics, and are not mere routine or  
28 conventional uses of computer components. Further, the inventions disclosed in the

1 Patents-In-Suit are not merely methods of achieving results in ways that are broadly  
2 practicable by individuals unbound by the constraints of the claimed elements. No  
3 human being could accomplish the claimed methodologies independent of claim  
4 limitations. The inventions are not merely “do-it-on-a-computer” claims, and do not  
5 merely rely on generic computerized components to prompt an action, as each method  
6 requires the implementation of a developing and evolving computerized algorithm that  
7 improves the end goal of imaging detection and quantification. As explained above,  
8 the Patents-In-Suit solve long-unmet needs by improving upon specific technologies  
9 related thereto.

10 31. The inventions relate to the field of computer software or hardware. More  
11 specifically, the inventions relate to generating special-purpose imaging analysis  
12 algorithms based on the detection and classification of imaging data. See Ex. A. ‘854  
13 Patent 1: 20-24

14 32. The inventions claimed in the Patents-in-Suit were not well-understood,  
15 routine, or conventional at the time of filing. It was not well-understood, routine, or  
16 conventional to be able to repeatably and accurately identify microscopic protein  
17 structures, or some other type of identifiable protein strand portion having  
18 characteristics necessary or desirable for detection. The detected structures located  
19 within a given image may have different shapes, colors, or textures, but would still  
20 belong to the same classification needed for counting, and thus the inventions would  
21 be able to accommodate and eventually account for such variances as part of its inherent  
22 inventive function. Alternatively, detected structures comprising a similar color/texture  
23 may be classified as one type while entities comprising a different color/texture may be  
24 classified as another type, while still all being counted as part of the initial analytical  
25 framework. See Ex. A, ‘854 Patent, Abstract. Additionally, the novel inventions  
26 described in the Patents-in-Suit address unsolved problems in the art by quantifying  
27 image data according to set of changing criteria and derive one or more classifications  
28 for entities in image. The inventions provide a way for determining what kind of entities

1 are in image and counts total number of entities visually identified in image, while  
2 information utilized during an analytical run or even a starter “learning” training run  
3 may be recognized and applied across different images. See Ex. A, ’854 Patent,  
4 Abstract.

5 33. The inventions taught in the Patents-in-Suit provide a need for an  
6 improved technology that aids the process of obtaining quantitative data from images  
7 such as scientific samples. Such a technology provides scientists and other users with  
8 important insights into the progression of many different diseases, the identification of  
9 distinguishing features among diseases, and the detection of previously-unrecognizable  
10 features of other small-scale imaging data. *See Aatrix Software, Inc. v. Green Shades*  
11 *Software, Inc.*, 882 F.3d 1121 (Fed. Cir. 2018); *Cellspin Soft, Inc. v. Fitbit Inc.*, 927  
12 F.3d 1306 (Fed. Cir. 2019); *Koninklijke KPN N.V. v. Gemalto M2M GmbH*, 2019 BL  
13 439585 (Fed. Cir. 2019); *Ironworks Patents, LLC v. Apple Inc.*, Case No. 17-cv-1399-  
14 RGA, 2018 WL 2944475 (D. Del., June 12, 2018).

15 34. The claimed programs and associated methods cannot be performed with  
16 merely a pen and paper, or abstractly in the human mind. One of ordinary skill in the  
17 art at the time of the patent would have understood that the inventions could not be  
18 performed with pen and paper. Using a pen and paper would ignore the stated purpose  
19 of the Patents-In-Suit, and the problems they were specifically designed to address.  
20 Doing so would also be a practical impossibility running counter to the inventor’s  
21 detailed description of the inventions and language of the claims in the Patents-In-Suit.

22 35. The weight of the asserted claims in each of the Patents-in-suit are directed  
23 to non-abstract improvements in the underlying functionality of computer-assisted  
24 chromatic imaging analysis. *See generally* Exhs. A, B, C.

25 36. The asserted claims of the Patents-in-suit require the unique inclusion and  
26 arrangement of claim elements that specifically improve the quantitative detection of  
27 analytes in multi-dimensional images in light of dynamically-changing detection  
28 criteria. *See generally* Exs. A, B, C.

1        37. The asserted claims do not merely recite an ‘abstract idea’ for which  
2 generic computers or generic computer components are invoked merely as a tool to  
3 accomplish something achievable in the abstract. *See Enfish, LLC v. Microsoft Corp.*,  
4 822 F.3d 1327, 1334-36 (Fed. Cir. 2016).

5        38. Thus, the claims of the Patents-in-suit asserted herein all recite patent-  
6 eligible subject matter under 35 U.S.C. § 101, as new and useful processes, machines,  
7 and/or improvements thereof.

8                                    **DEFENDANT’S PRODUCT(S)**

9        39. Defendant offers solutions, such as the “RSIP Vision Technology” (the  
10 “Accused System”), that enables image analysis based on product algorithms.

11        40. A non-limiting and exemplary claim chart comparing the Accused System  
12 to Claim 1 of the ‘854 Patent is attached hereto as Exhibit D and is incorporated herein.

13        41. As recited in Claim 1 of the ‘854 Patent, a system, at least in internal  
14 testing and usage, utilized by the Accused System uses, practices, or is a computer  
15 program product for generating special-purpose image analysis algorithms. See Exhibit  
16 D.

17        42. As recited in one portion of Claim 1 of the ‘854 Patent, the system at least  
18 in internal testing and usage, utilized by the Accused System uses, practices, or is a  
19 computer usable medium having computer readable program code embodied therein.  
20 See Exhibit D.

21        43. As recited in another portion of Claim 1 of the ‘854 Patent, the system, at  
22 least in internal testing and usage, utilized by the Accused System uses, practices, or is  
23 a computer program product obtaining an image having plurality of chromatic data  
24 points. See Exhibit D.

25        44. As recited in another portion of Claim 1 of the ‘854 Patent, the system, at  
26 least in internal testing and usage, utilized by the Accused System uses, practices, or is  
27 computer readable program code configured to: generate an evolving algorithm that  
28

1 partitions said plurality of chromatic data points within one image into an entity  
2 identified in accordance with a user's judgement. See Exhibit D.

3 45. As recited in another portion of Claim 1 of the '854 Patent, the system, at  
4 least in internal testing and usage, utilized by the Accused System uses, practices, or is  
5 computer readable program code configured to: store a first instance of said evolving  
6 algorithm as a product algorithm wherein said product algorithm enables the automatic  
7 classification of instances of said at least one entity within at least one second image in  
8 accordance with said user. See Exhibit D.

9 46. A non-limiting and exemplary claim chart comparing the Accused System  
10 to Claim 1 of the '266 Patent is attached hereto as Exhibit E and is incorporated herein  
11 as if fully rewritten.

12 47. As recited in Claim 1 of the '266 Patent, a system, at least in internal  
13 testing and usage, utilized by the Accused System uses, practices, or is a method for a  
14 computer program product automating the expert quantification of image data using a  
15 product algorithm. See Exhibit E.

16 48. As recited in one portion of Claim 1 of the '266 Patent, the system, at least  
17 in internal testing and usage, utilized by the Accused System uses, practices, or is a step  
18 of obtaining a product algorithm for analysis of a first set of image data wherein said  
19 product algorithm is configured to recognize at least one entity within said first set of  
20 image data via a training mode that utilizes iterative input to an evolving algorithm  
21 obtained from at least one first user. See Exhibit E.

22 49. As recited in another portion of Claim 1 of the '266 Patent, the system, at  
23 least in internal testing and usage, utilized by the Accused System uses, practices, or  
24 method for a computer program product automating the expert quantification of image  
25 data using a product algorithm comprising: presenting a first set of said at least one  
26 entity to said user for feedback as to the accuracy of said first set of identified entities.  
27 See Exhibit E.

1           50. As recited in another portion of Claim 1 of the '266 Patent, the system, at  
2 least in internal testing and usage, utilized by the Accused System uses, practices, or  
3 method for a computer program product automating the expert quantification of image  
4 data using a product algorithm comprising: obtaining said feedback from said user. See  
5 Exhibit E.

6           51. As recited in another portion of Claim 1 of the '266 Patent, the system, at  
7 least in internal testing and usage, utilized by the Accused System uses, practices, or is  
8 method for a computer program product automating the expert quantification of image  
9 data using a product algorithm comprising: executing said evolving algorithm using  
10 said feedback. See Exhibit F.

11           52. As recited in another portion of Claim 1 of the '266 Patent, the system, at  
12 least in internal testing and usage, utilized by the Accused System uses, practices, or is  
13 method for a computer program product automating the expert quantification of image  
14 data using a product algorithm comprising: obtaining approval from said user about  
15 second set of entities; storing said evolving algorithm as a product algorithm. See  
16 Exhibit E.

17           53. As recited in another portion of Claim 1 of the '266 Patent, the system, at  
18 least in internal testing and usage, utilized by the Accused System uses, practices, or is  
19 method for a computer program product automating the expert quantification of image  
20 data using a product algorithm comprising: providing said algorithm to at least one  
21 second user said at least one second user can apply said product algorithm against a  
22 second set of image data having said at least one entity. See Exhibit E.

23           54. A non-limiting and exemplary claim chart comparing the Accused System  
24 to Claim 1 of the '879 Patent is attached hereto as Exhibit F and is incorporated herein  
25 as if fully rewritten.

26           55. As recited in Claim 1 of the '879 Patent, a system, at least in internal  
27 testing and usage, utilized by the Accused System uses, practices, or is a non-transitory  
28

1 computer program product for automating expert quantification of image data. See  
2 Exhibit F.

3 56. As recited in one portion of Claim 1 of the '879 Patent, the system, at least  
4 in internal testing and usage, utilized by the Accused System uses, practices, or is a  
5 non-transitory computer program product for automating the expert quantification of  
6 image data. See Exhibit F.

7 57. As recited in another portion of Claim 1 of the '879 Patent, the system at  
8 least in internal testing and usage by the Accused System uses a computer-readable  
9 medium encoded with computer readable instructions executable by one or more  
10 computer processes to quantify image sets comprising a locked evolving algorithm,  
11 wherein said locked evolving algorithm is generated. See Exhibit F.

12 58. As recited in another portion of Claim 1 of the '879 Patent, the system, at  
13 least in internal testing and usage, utilized by the Accused System uses, practices, or is  
14 a step obtaining a product algorithm for analysis of a first set of image data wherein  
15 said product algorithm is configured to recognize at least one entity within said first set  
16 of image data via a training mode that utilizes iterative input to an evolving algorithm  
17 obtained from at least one first user. See Exhibit F.

18 59. As recited in another portion of Claim 1 of the '879 Patent, the system, at  
19 least in internal testing and usage, utilized by the Accused System uses, practices, or is  
20 a step of the training mode comprising: presenting a first set of said at least one entity  
21 to said user for feedback as to the accuracy of said first set of identified entities. See  
22 Exhibit F.

23 60. As recited in another portion of Claim 1 of the '879 Patent, the system, at  
24 least in internal testing and usage, utilized by the Accused System uses, practices, or is  
25 a step of the training mode comprising: obtaining said feedback from said user. See  
26 Exhibit F.

27 61. As recited in another portion of Claim 1 of the '879 Patent, the system, at  
28 least in internal testing and usage, utilized by the Accused System uses, practices, or is

1 a step of the training mode comprising: executing said evolving algorithm using said  
2 feedback. See Exhibit F.

3 62. As recited in another portion of Claim 1 of the '879 Patent, the system, at  
4 least in internal testing and usage, utilized by the Accused System uses, practices, or is  
5 a step of the training mode comprising: presenting a second set of said at least one entity  
6 to said user for feedback as to the accuracy of said second set of identified entities. See  
7 Exhibit F.

8 63. As recited in another portion of Claim 1 of the '879 Patent, the system, at  
9 least in internal testing and usage, utilized by the Accused System uses, practices, or is  
10 a step of the training mode comprising: obtaining approval from said user about said  
11 second set of entities; storing said evolving algorithm as a product algorithm. See  
12 Exhibit F.

13 64. As recited in another portion of Claim 1 of the '879 Patent, the system, at  
14 least in internal testing and usage, utilized by the Accused System uses, practices, or is  
15 a step of the training mode comprising: storing said product algorithm for subsequent  
16 usage on said image sets. See Exhibit F.

### 17 18 19 20 **INFRINGEMENT OF THE PATENTS**

21 65. Plaintiff realleges and incorporates by reference all of the allegations set  
22 forth in the preceding paragraphs.

23 66. In violation of 35 U.S.C. § 271, Defendant is now, and has been directly  
24 infringing the '854 Patent, the '266 Patent, and the '879 Patent.

25 67. Defendant has had knowledge of infringement of the '854 Patent, the '266  
26 Patent, and the '879 Patent at least as of the service of the present Complaint.

27 68. Defendant has directly infringed and continues to directly infringe at least  
28 one claim of the '854 Patent, the '266 Patent, and the '879 Patent by using, at least

1 through internal testing or otherwise, the Accused System without authority in the  
2 United States, and will continue to do so unless enjoined by this Court.

3 69. As a direct and proximate result of Defendant's direct infringement of the  
4 '854 Patent, the '266 Patent, and the '879 Patent, Plaintiff has been and continues to be  
5 damaged.

6 70. By engaging in the conduct described herein, Defendant has injured  
7 Plaintiff and is thus liable for infringement of the '854 Patent, the '266 Patent, and the  
8 '879 Patent, pursuant to 35 U.S.C. § 271.

9 71. Defendant has committed these acts of infringement without license or  
10 authorization.

11 72. As a result of Defendant's infringement of the '854 Patent, the '266 Patent,  
12 and the '879 Patent, Plaintiff has suffered monetary damages and is entitled to a  
13 monetary judgment in an amount adequate to compensate for Defendant's past  
14 infringement, together with interests and costs.

15 73. Plaintiff will continue to suffer damages in the future unless Defendant's  
16 infringing activities are enjoined by this Court. As such, Plaintiff is entitled to  
17 compensation for any continuing and/or future infringement up until the date that  
18 Defendant is finally and permanently enjoined from further infringement.

19 **DEMAND FOR JURY TRIAL**

20 74. Plaintiff demands a trial by jury of any and all causes of action.

21 **PRAYER FOR RELIEF**

22 WHEREFORE, Plaintiff prays for the following relief:

23 a. That Defendant be adjudged to have directly infringed the '854 Patent, the  
24 '266 Patent, and the '879 Patent either literally or under the doctrine of equivalents;

25 b. An accounting of all infringing sales and damages including, but not limited  
26 to, those sales and damages not presented at trial;

27 c. That Defendant, its officers, directors, agents, servants, employees, attorneys,  
28 affiliates, divisions, branches, parents, and those persons in active concert or

1 participation with any of them, be permanently restrained and enjoined from directly  
2 infringing the '854 Patent, the '266 Patent, and the '879 Patent;

3 d. An award of damages pursuant to 35 U.S.C. §284 sufficient to compensate  
4 Plaintiff for the Defendant's past infringement and any continuing or future  
5 infringement up until the date that Defendant is finally and permanently enjoined from  
6 further infringement, including compensatory damages;

7 e. An assessment of pre-judgment and post-judgment interest and costs against  
8 Defendant, together with an award of such interest and costs, in accordance with 35  
9 U.S.C. §284; and

10 f. That Plaintiff be granted such other and further relief as this Court may deem  
11 just and proper.

12  
13 Dated: April 30, 2020

Respectfully submitted,

14 By: /s/Kirk J Anderson

15 Kirk J. Anderson

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